

Notice of Allowability

Application No.

09/751,039

Examiner

Christopher Onuaku

Applicant(s)

NYGREN ET AL.

Art Unit

2616

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to amendment filed 8/17/05.
2. ☒ The allowed claim(s) is/are 1,2,5-13&16-28 (now renumbered 1-24, respectively).
3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some* c) ☐ None of the:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
- (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
- 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
- (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

- | | |
|---|---|
| 1. <input type="checkbox"/> Notice of References Cited (PTO-892) | 5. <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 2. <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 6. <input type="checkbox"/> Interview Summary (PTO-413),
Paper No./Mail Date _____ |
| 3. <input type="checkbox"/> Information Disclosure Statements (PTO-1449 or PTO/SB/08),
Paper No./Mail Date _____ | 7. <input type="checkbox"/> Examiner's Amendment/Comment |
| 4. <input type="checkbox"/> Examiner's Comment Regarding Requirement for Deposit
of Biological Material | 8. <input checked="" type="checkbox"/> Examiner's Statement of Reasons for Allowance |
| | 9. <input type="checkbox"/> Other _____ |

DETAILED ACTION

Allowable Subject Matter

1. Claims 1-13&16-28 are allowable over the prior art of record.
2. The following is a statement of reasons for the indication of allowable subject matter:

Regarding claim 1, the invention relates to communication systems, including a system for reproducing a video session using accelerated frame playback.

The closest references Jones et al disclose a method of storing and displaying digital images, including a multiresolution method which makes available reduced resolution versions of original images for quick display and full resolution original images for making photographic quality hardcopies, and Best teaches a video amusement system by which one or more viewers influence the course of a motion picture as if each viewer were a participant in a real-life drama or dialog.

However, Jones et al, Leyvi and Best fail to explicitly teach a method for reproducing a video session, where the method comprises wherein each of the first video frame and the fourth video frame are generated using a corresponding key frame, each key frame is associated with a time interval, and each video sub-frame is associated with a time interval subsequent to the time interval of at least one key frame, and where the method further comprises, receiving a command to initiate reproduction of the video session from a particular video sub-frame associated with a selected time

Art Unit: 2616

interval, determining a key frame associated with a time interval that is prior to the selected time interval and generating a video frame using the determined key frame and the particular video sub-frame.

Regarding claim 12, the invention relates to communication systems, including a system for reproducing a video session using accelerated frame playback.

The closest references Jones et al disclose a method of storing and displaying digital images, including a multiresolution method which makes available reduced resolution versions of original images for quick display and full resolution original images for making photographic quality hardcopies, and Best teaches a video amusement system by which one or more viewers influence the course of a motion picture as if each viewer were a participant in a real-life drama or dialog.

However, Jones et al, Leyvi and Best fail to explicitly teach a client for reproducing a video session, where the video session comprises wherein each of the first video frame and the fourth video frame are generated using a corresponding key frame, each key frame is associated with a time interval, and each video sub-frame is associated with a time interval subsequent to the time interval of at least one key frame, and where the processor is further operable to receive a command to initiate reproduction of the video session from a particular video sub-frame associated with a selected time interval, determine a key frame associated with a time interval that is prior to the selected time interval and generate a video frame using the determined key frame and the particular video sub-frame.

Regarding claim 23, the invention relates to communication systems, including a system for reproducing a video session using accelerated frame playback.

The closest references Jones et al disclose a method of storing and displaying digital images, including a multiresolution method which makes available reduced resolution versions of original images for quick display and full resolution original images for making photographic quality hardcopies, and Best teaches a video amusement system by which one or more viewers influence the course of a motion picture as if each viewer were a participant in a real-life drama or dialog.

However, Jones et al, and Best fail to explicitly teach a method for reproducing a video session, where the method comprises wherein at least a portion of the video frames are associated with a corresponding key frame, each key frame is associated with a time interval, and each video sub-frame is associated with a time interval subsequent to the time interval of at least one key frame, and where the method further comprises receiving a command to initiate reproduction of the video session from a particular video sub-frame associated with a selected time interval, determining a key frame associated with a time interval that is prior to the selected time interval and generating a video frame using the determined key frame and the particular video sub-frame.

Art Unit: 2616

Conclusion


3. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Christopher Onuaku whose telephone number is 571-272-7379. The examiner can normally be reached on M-F.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, James Groody can be reached on 571-272-7950. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).


COO

10/28/05


James J. Groody
Supervisory Patent Examiner
Art Unit 262 2616